

Serial No. 10/006,492

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**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

**PATENT APPLICATION**

**Applicant: Toll et al.**

**Filed: December 3, 2001**

**Docket Number: 10454-017001 (SRI/4161-2) Group Art Unit: 1631**

**Serial No.: 10/006,492**

**Examiner: Marianne P. Allen**

**Title: Biopolymer Sequence Comparison**

**COMMISSIONER FOR PATENTS**

**Mail Stop: Amendments**

**P.O. Box 1450**

**Alexandria, VA 22313-1450**

**Sir:**

**RESPONSE UNDER 37 C.F.R. § 1.112**

**This Response addresses the Office Action dated September 29, 2004.**

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper. **Remarks** begin on page 13 of this paper.